

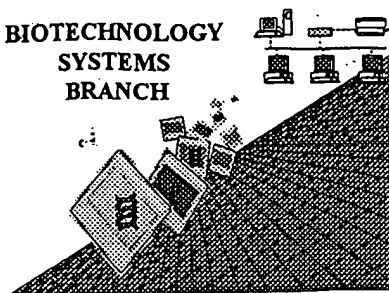
5-run

re-run

#17

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/369,992A
Source: 1641
Date Processed by STIC: 5/30/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

re-run

1641

RAW SEQUENCE LISTING

DATE: 05/30/2001

PATENT APPLICATION: US/09/369,992A

TIME: 11:10:52

Input Set : A:\PTO.txt

Output Set: C:\CRF3\05302001\I369992A.raw

Does Not Comply
Corrected Diskette Needed

pp 4-5

3 <110> APPLICANT: Kara, Anna
4 Ting, Robert
5 Tham, Jill
6 Nelson, James
7 Tan, Theresa
9 <120> TITLE OF INVENTION: Diagnosis of Plasmodium Infection by Analysis of
Extrachromosomal Genetic
10 Material
12 <130> FILE REFERENCE: 64-99
14 <140> CURRENT APPLICATION NUMBER: 09/369992A
C--> 15 <141> CURRENT FILING DATE: 1999-08-06 ✓
17 <150> PRIOR APPLICATION NUMBER: AU PO4953/97
18 <151> PRIOR FILING DATE: 1997-02-06
20 <150> PRIOR APPLICATION NUMBER: AU PO6329/97
21 <151> PRIOR FILING DATE: 1997-04-21
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30 <213> ORGANISM: Plasmodium berghei
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39 aatatttgca aaaaaattat ctttataaga aactacagtt cctaaatatt tttttactaa 240
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43 aaaaatttgt gttgtatgta aaacagatat actatcacaa ataacatcaa taggaattat 360
45 ttttttatta aaatagggtat ctaaaaaatt tatattttaa ttagttttta aatatactaa 420
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49 aacattcgaaa cagaccaat ctggtaattt aaacatatatt aaaaatttta aagaatatat 540
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53 tttatttaatt ccatttctta ttaaataata atttatttta ttattatatt gatatttata 660
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57 atattataaa atatttcaag ttaacgatga gatttgaact cacaatctac tgattacaaa 780
59 tcagttgctt taccaattaa gccactttta caaatataat atttataatt aaatattcaa 840
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89 ttatttcatt aagatttttt ttaagacagc atttaagtcg ttacatcttt catgcaggtc 1740
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111 catataaata atttatattc aaaacgctct tttaccaatt taattttatt aatattaaat 2400
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177 taaatagatt ataatatata ataattctata agcgcattta tttatataat tgtactatat 4380
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RAW SEQUENCE LISTING

DATE: 05/30/2001

PATENT APPLICATION: US/09/369,992A

TIME: 11:10:52

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Output Set: C:\CRF3\05302001\I369992A.raw

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187 tttattttta aatattgata aaaataaaac attagtattt gctaatttct gtgccagcag 4680
189 cagcggtaat acagaaaata ccagcggtat tcactttatt tggcgtaaag cgttttaagg 4740
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232 <212> TYPE: DNA
233 <213> ORGANISM: Plasmodium berghei
235 <400> SEQUENCE: 2
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248 ggtatatata atatctacat aaatgtagca atttatagct ataaccactc agccatttct 420
250 gtatataata ataagttaaa tcagattgaa ctgatgtaga tataaaaccc aatggattta 480
252 cagtccatcc cttttaaccc ctcaggcatt aactttatta tacatttaag tagattcgaa 540
254 ctactgatgt tcaatatttg aaaatgaatt atgagtccat tgctttcgac ctcttagcta 600
256 taaatgttta ctttattaga gataaaggga ctogaacctt tacaacaatt attggttaag 660
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268 attattatat attataagat aaataaagag atttgaactc atataaaaga aaccacaatt 1020
270 ccttatctta accttttagg ttatattttt cattattaaa acttattata tattataaat 1080
272 attattataa atataaaaa tattatttta atataaatca tttaatattt ttatttttaa 1140
274 attatatata catataataa aattatcatt aaaactagaa gatttaataa aatttatatt 1200
276 atataaattt gatataataa tatatatatt atatctataa attaaatttg gtgaaattat 1260

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RAW SEQUENCE LISTING

DATE: 05/30/2001

PATENT APPLICATION: US/09/369,992A

TIME: 11:10:52

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Output Set: C:\CRF3\05302001\I369992A.raw

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284 taataatttg agatataaat gattctcatg gtgactctgt atttttttca aataatgtaa 1500
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288 atcgaaataa gattgataga catatttatt aattttttaat ttataattat atttactaga 1620
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292 ttttatcata ataattttat attataaaat a 1711

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296 <211> LENGTH: 516

297 <212> TYPE: DNA

298 <213> ORGANISM: Plasmodium berghei

300 <400> SEQUENCE: 3

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305 taaatatagg tcaaataatta gagggatatat atggattaaa tagttttatat ttaaataata 180
307 gatataataat atctaataat ttaaataacta attattataa taatttatatt aataatttta 240
309 attattataa atataattat aataataatt ttgaattcaa taaaatatca tataattata 300
311 ataaatattt tttaaaaaat ccgtttacgg gccatttaat acagaatagt atttgtttaa 360
313 ataattattt ttattataaa ttagtacata tggtaaaaaga taaattaaga tatagattca 420
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317 aaagatttgg tgaaatggaa gtatggggcg tagaag 516

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322 <212> TYPE: DNA

323 <213> ORGANISM: Plasmodium berghei

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336 <213> ORGANISM: Artificial

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339 <223> OTHER INFORMATION: OLIGONUCLEOTIDE USEFUL AS PRIMER

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17

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18

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355 <211> LENGTH: 18

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/369,992A

DATE: 05/30/2001
TIME: 11:10:52

Input Set : A:\PTO.txt
Output Set: C:\CRF3\05302001\I369992A.raw

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410 <212> TYPE: DNA
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18

18

24

26

18

18

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY

DATE: 05/30/2001

PATENT APPLICATION: US/09/369,992A

TIME: 11:10:53

Input Set : A:\PTO.txt

Output Set: C:\CRF3\05302001\I369992A.raw

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L:336 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:348 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
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L:449 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:458 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:467 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:467 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:476 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:476 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:483 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21

VERIFICATION SUMMARY

DATE: 05/30/2001

PATENT APPLICATION: US/09/369,992A

TIME: 11:10:53

Input Set : A:\PTO.txt

Output Set: C:\CRF3\05302001\I369992A.raw

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L:494 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:1444 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1444 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:1453 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1453 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:1462 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1462 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1469 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:51
L:1471 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1471 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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L:1489 M:258 W: Mandatory Feature missing, <220> FEATURE:
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